TOTO90 "2982860

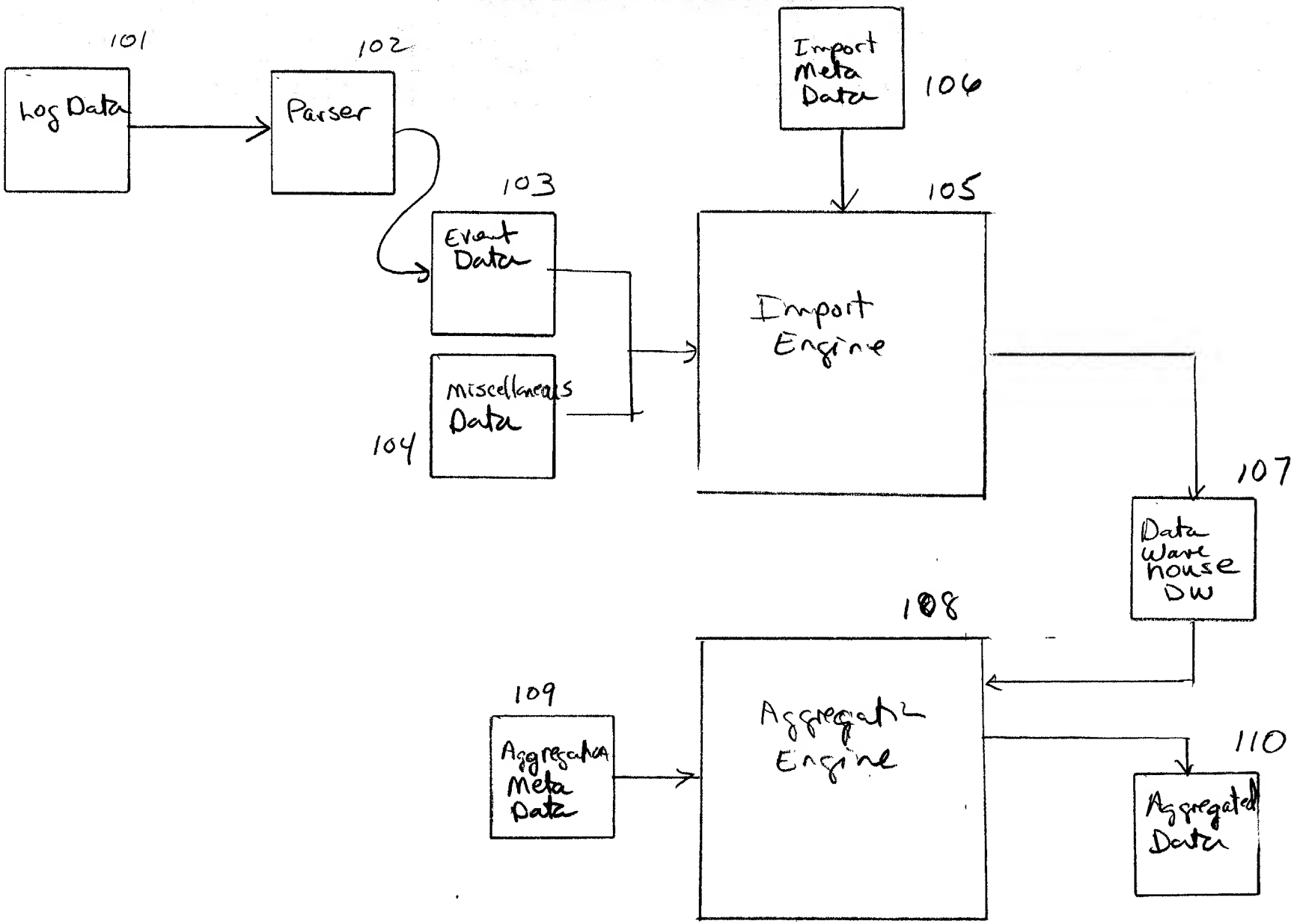

FIG 1

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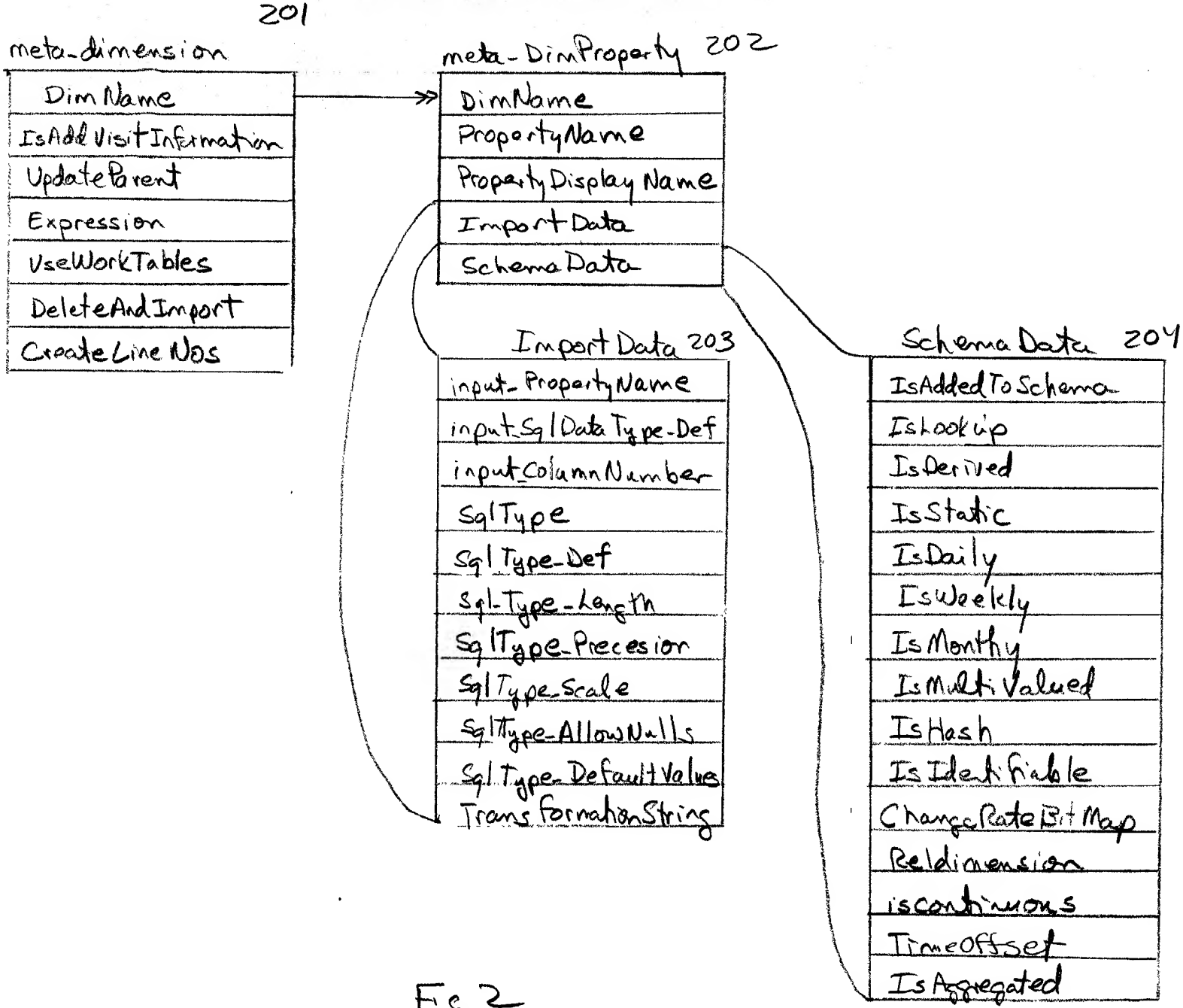

Fig 2

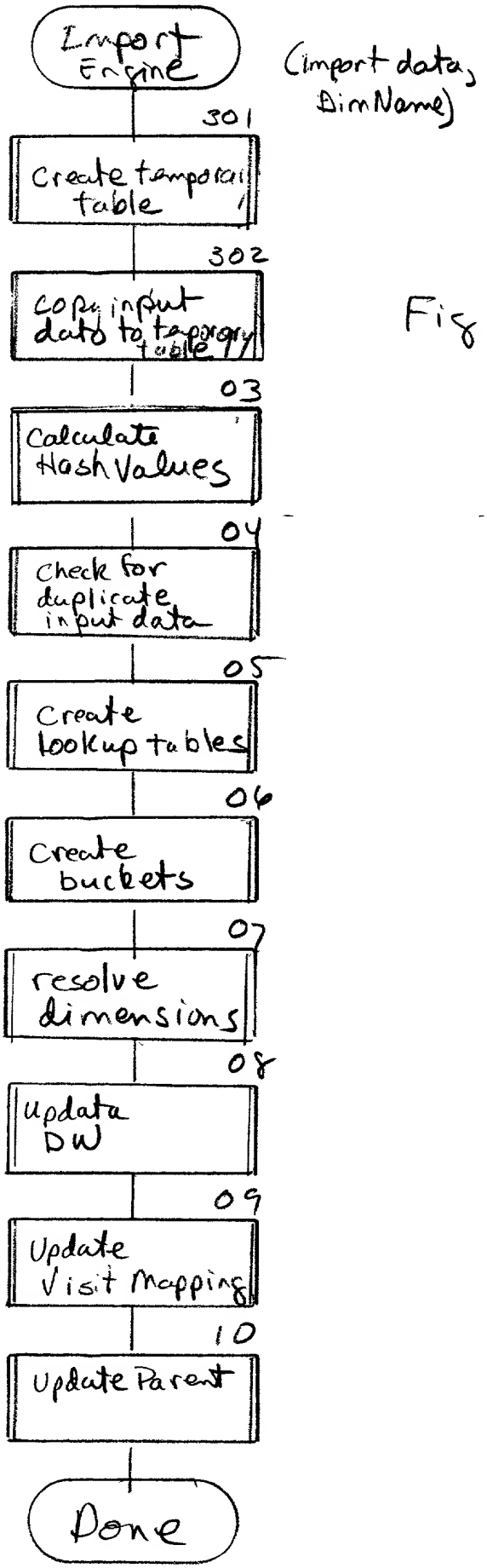

Fig 3

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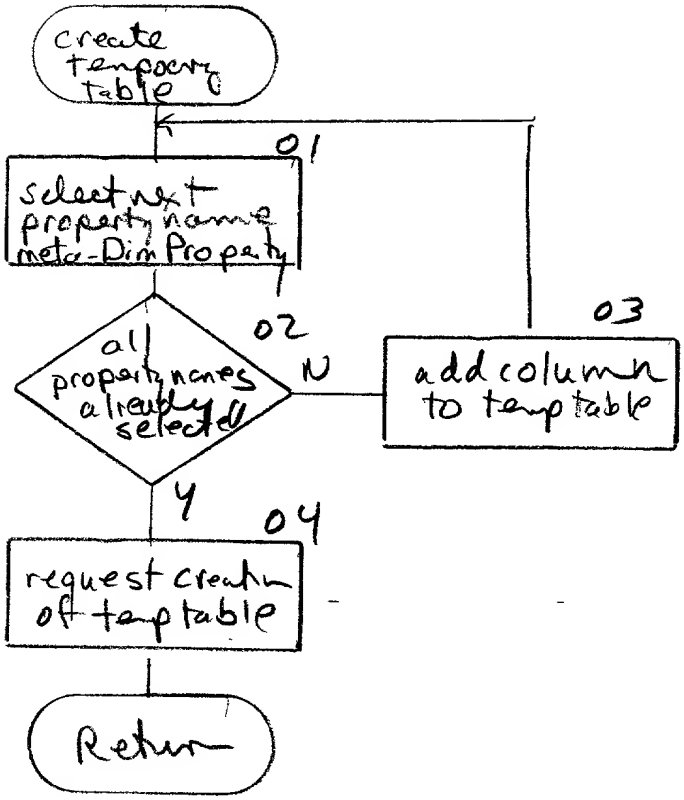

Fig 4

FOTOSO: 7982860

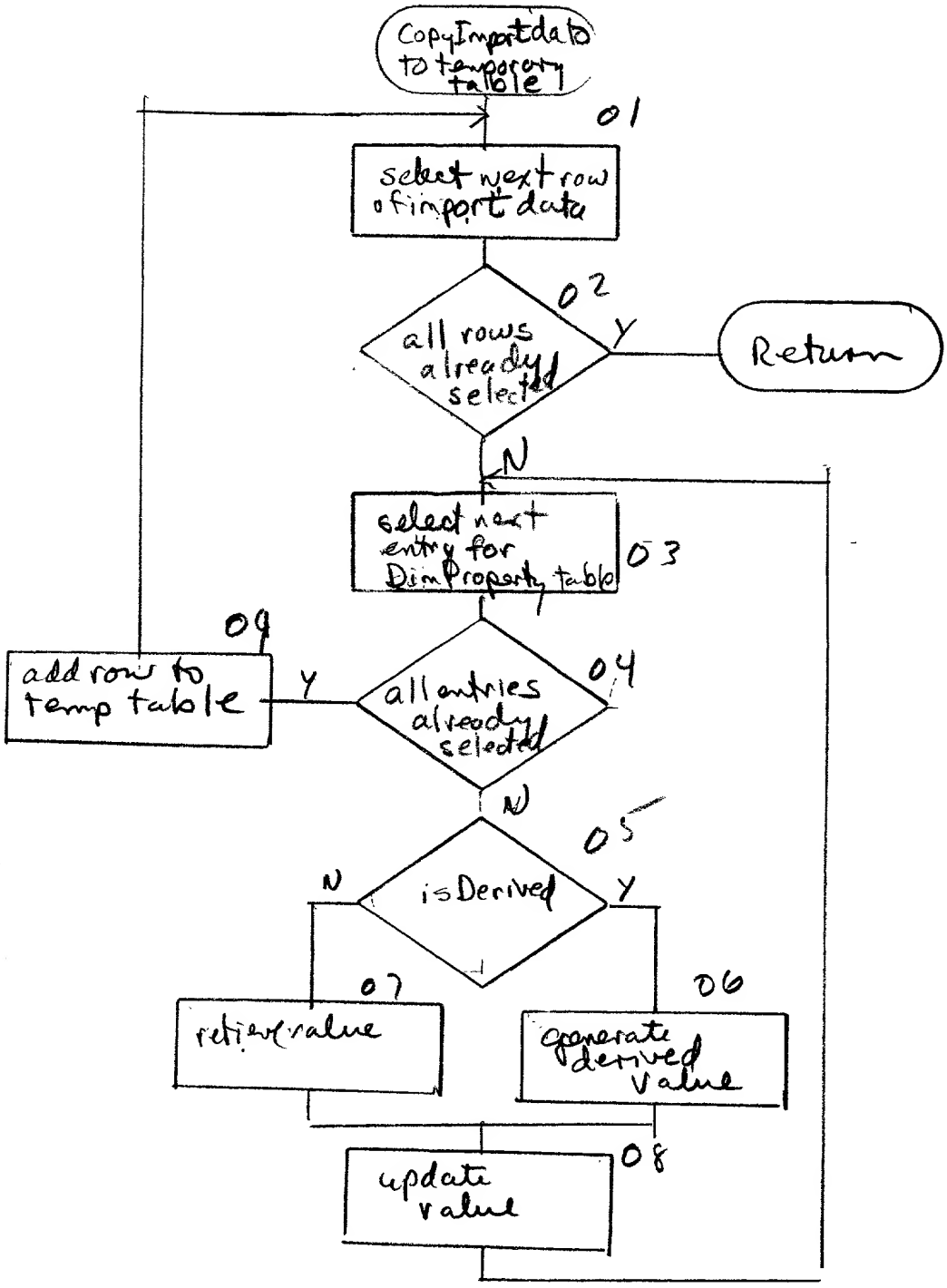

Fig 5

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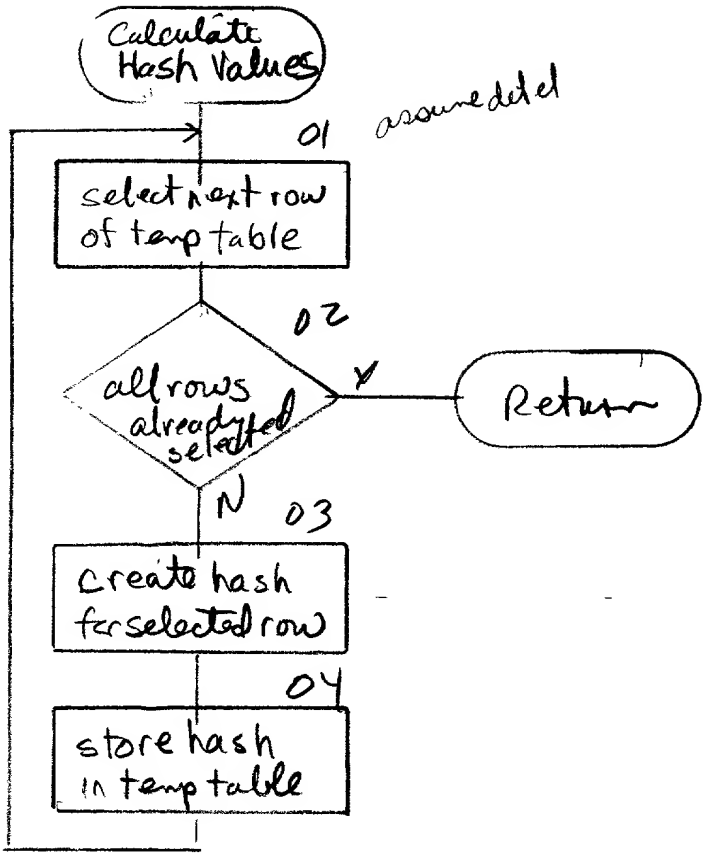

Fig 6

0967596.0670

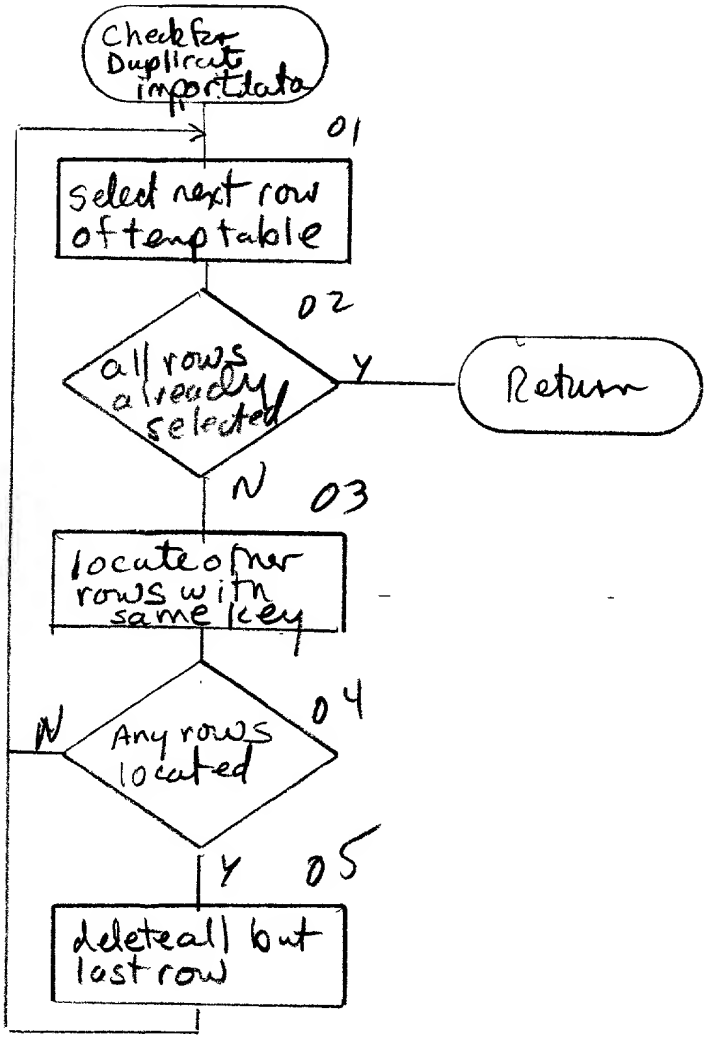

Fig 7

Doc Ref: 0960754

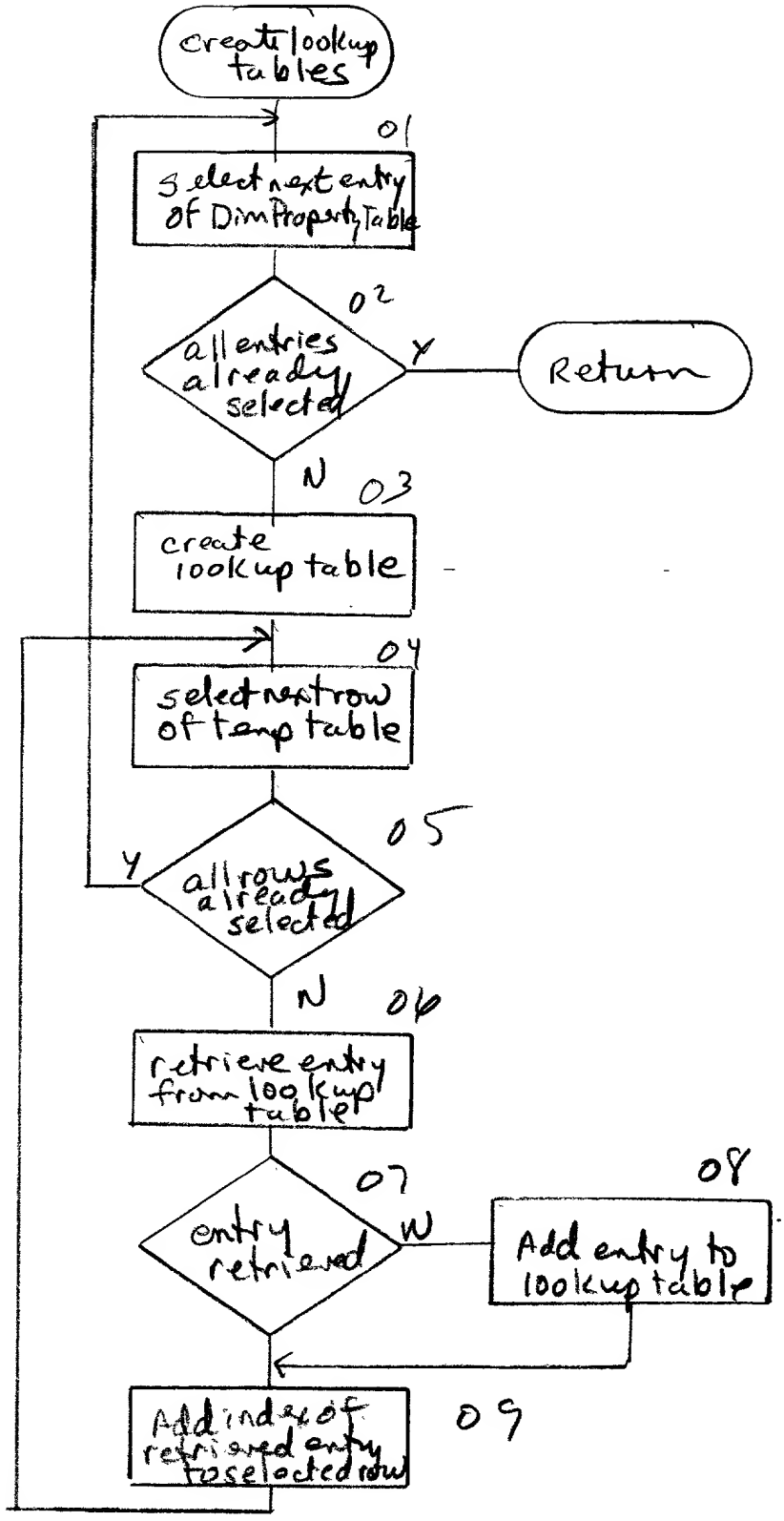
create lookup tables
01
select next entry of DimProperty Table
02
all entries already selected
Y
Return
N
03
create lookup table
04
select next row of temp table
05
Y
all rows already selected
N
06
retrieve entry from lookup table
07
entry retrieved
N
08
Add entry to lookup table
Add index of retrieved entry to selected row
09

Fig 8

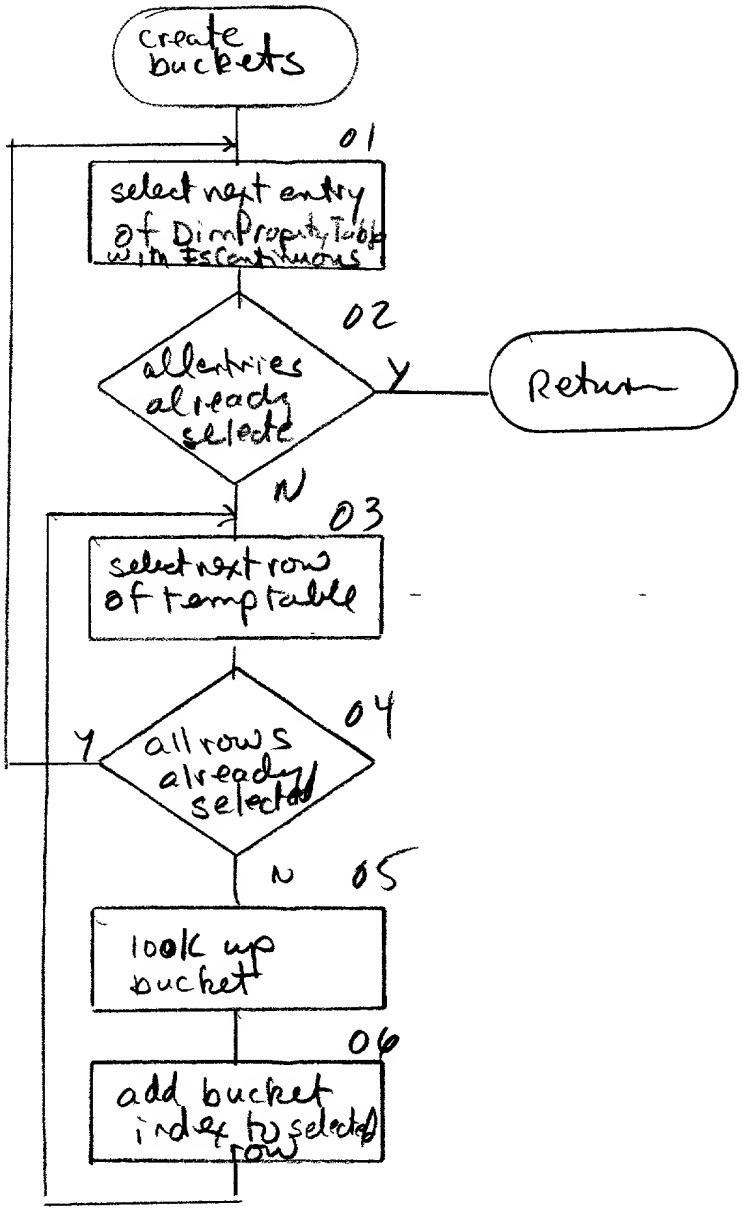

Fig 7

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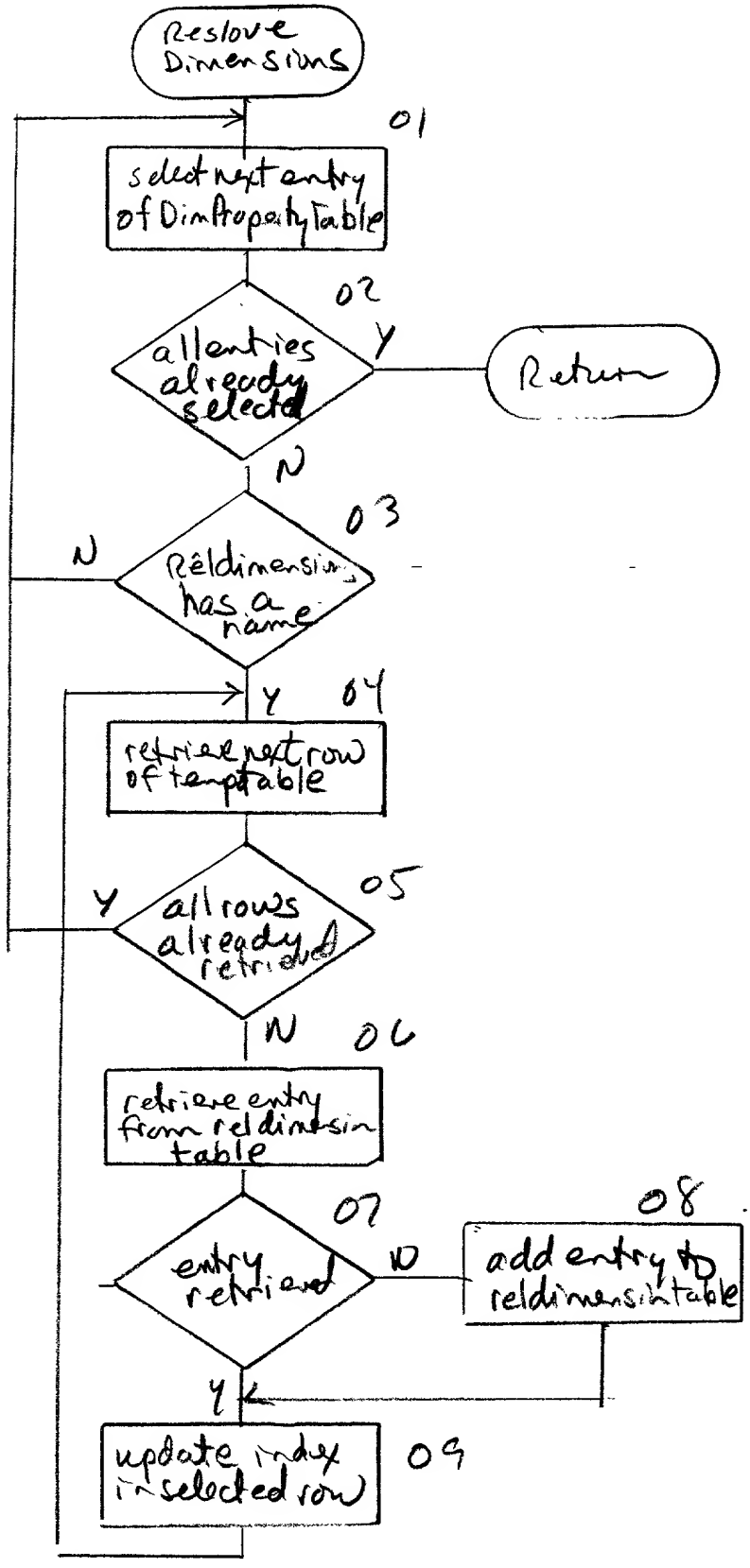

Fig 10

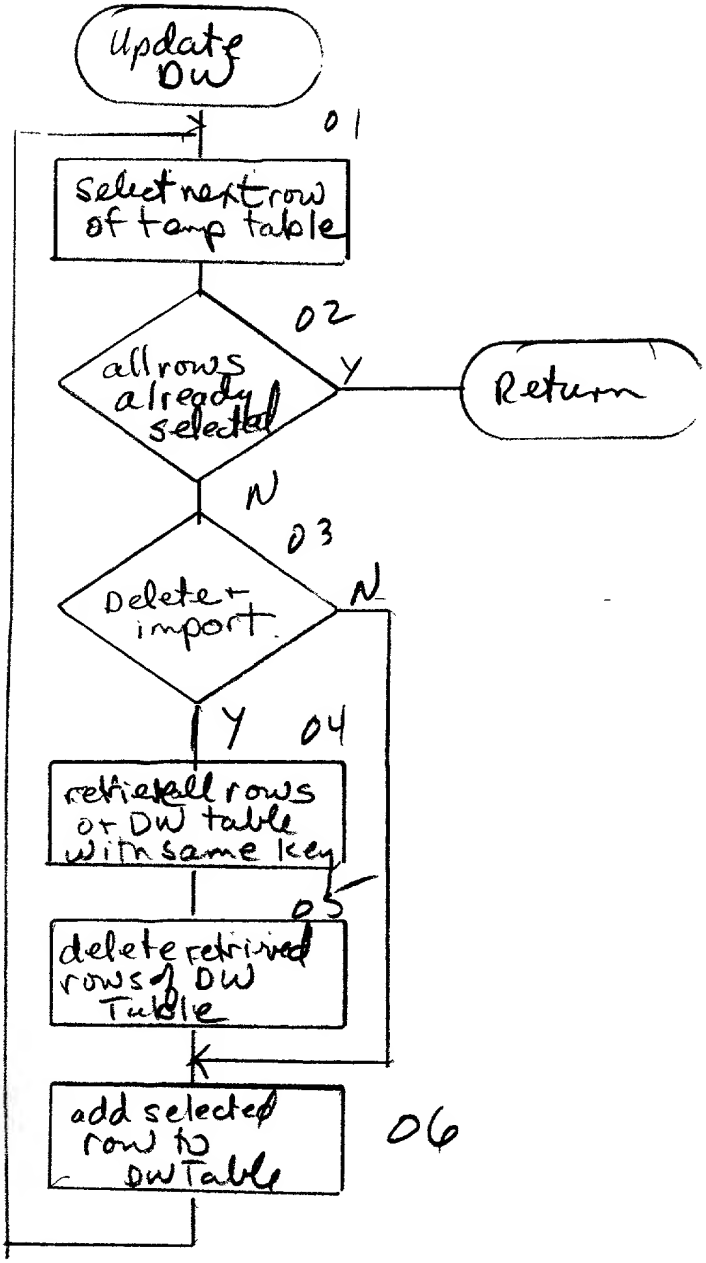
Update DW
01
select next row of temp table
02
all rows already selected
Y
Return
N
03
Delete+ import
N
Y
04
retrieve all rows of DW table with same key
05
delete retrived rows of DW Table
add selected row to DW Table
06

Fig 11

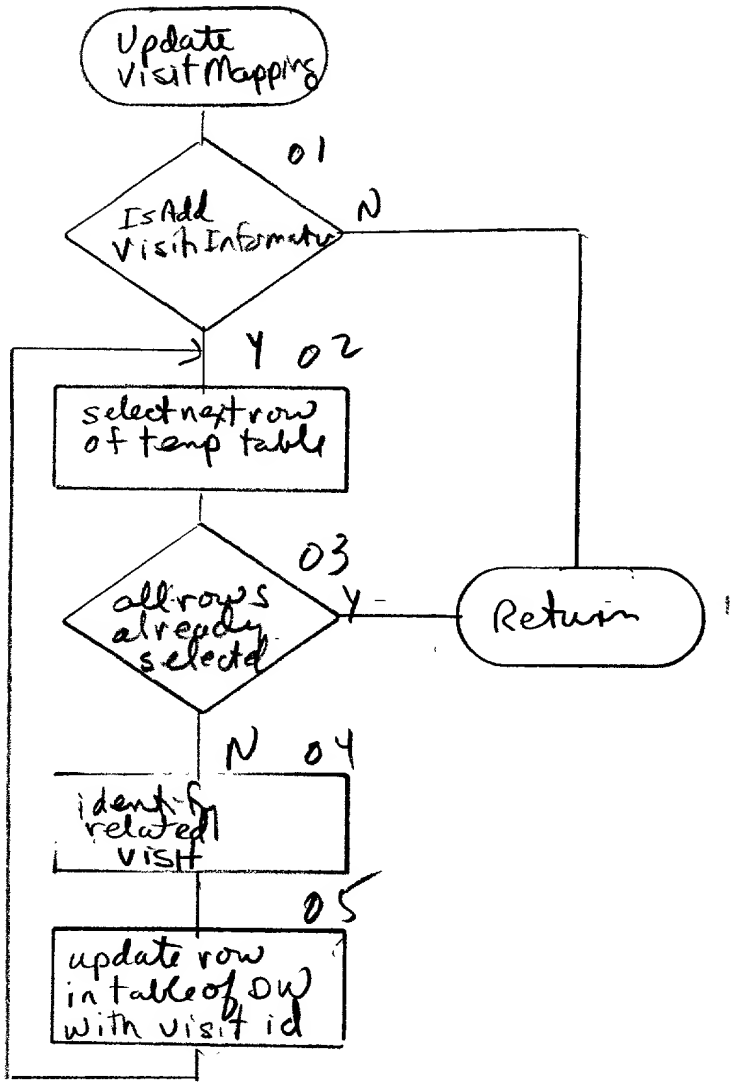

Fig 12

09676956.050104

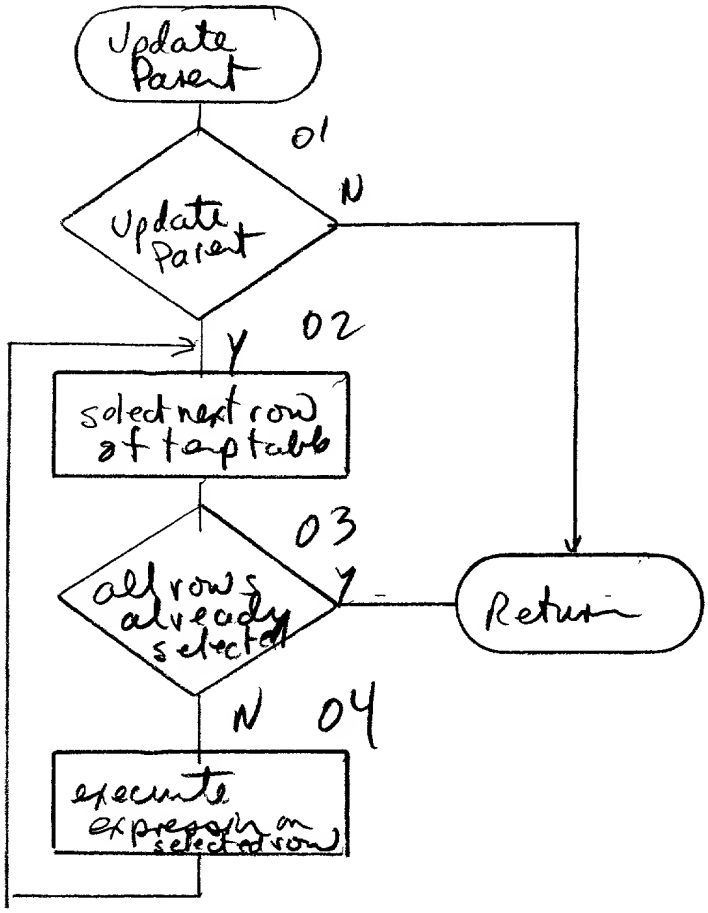

Fig 13

Patent: 6,366,926

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AggregateTable 1401

Aggregating Property	Measure 1	measure 2	...	measure N
			...	
			...	
:	:	:		:

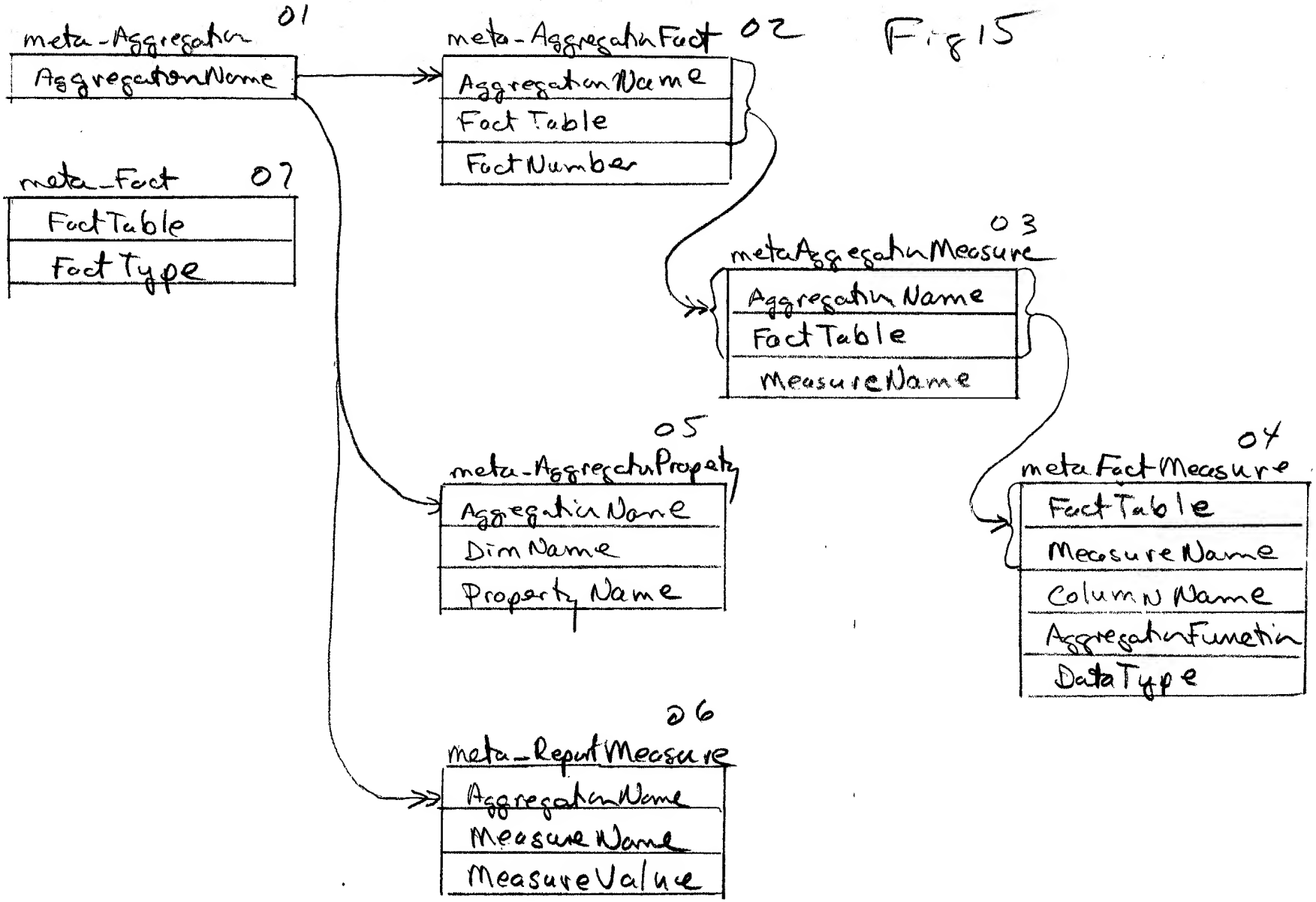
ReportTable 1402

Aggregating Property	Measure 1	...	Measure N
		...	
		...	
:	:		:

Fig 14

TOTO90" 29827860

Fig 15



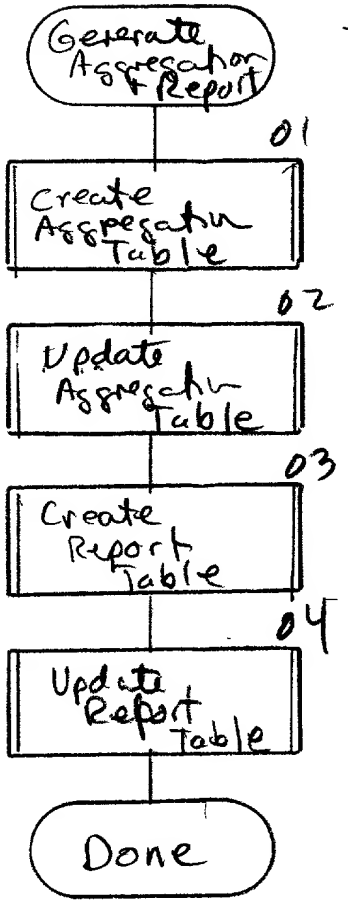


Fig 16

09654360 "09/654,360

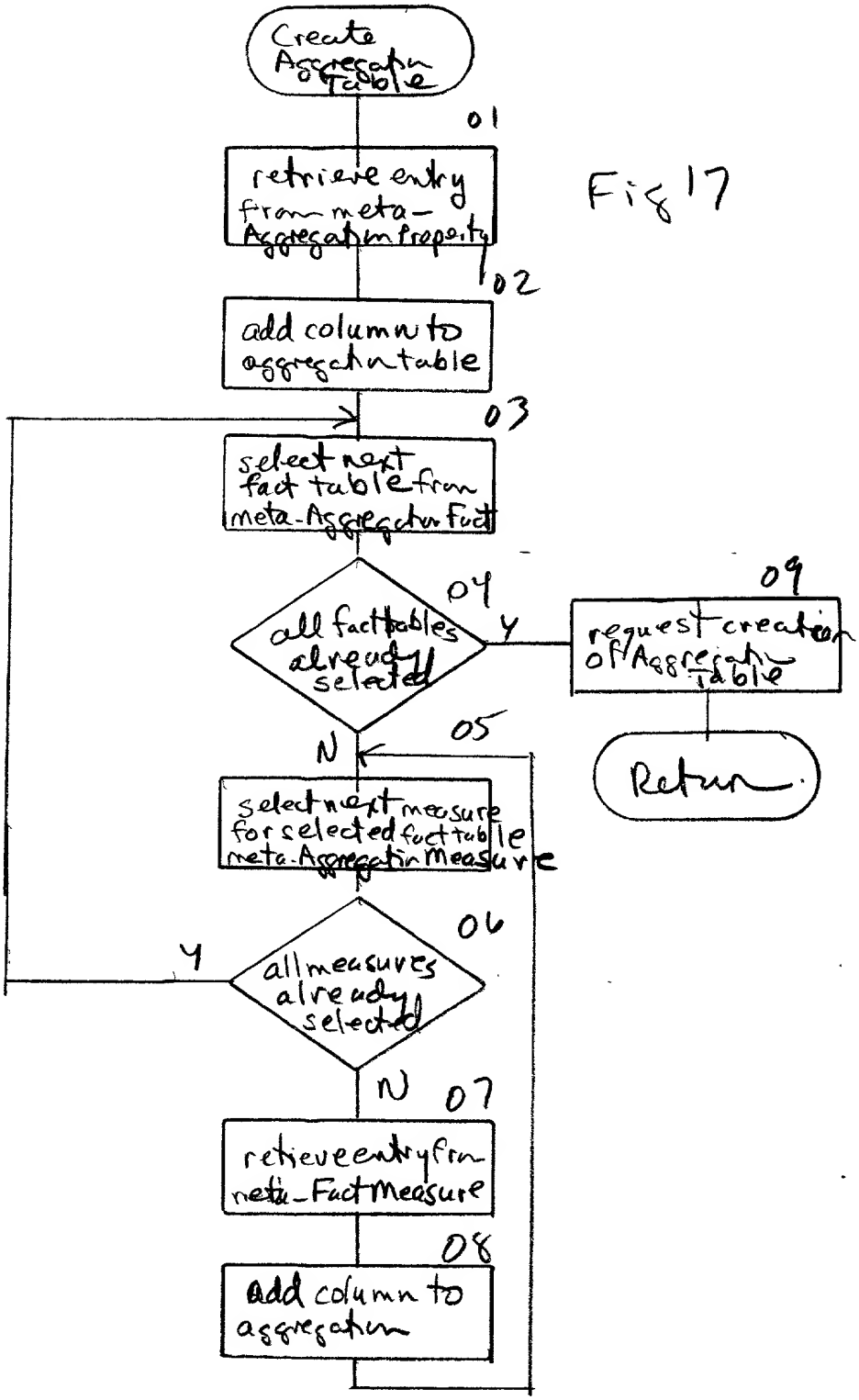


Fig 17

FOI-0501-7596D

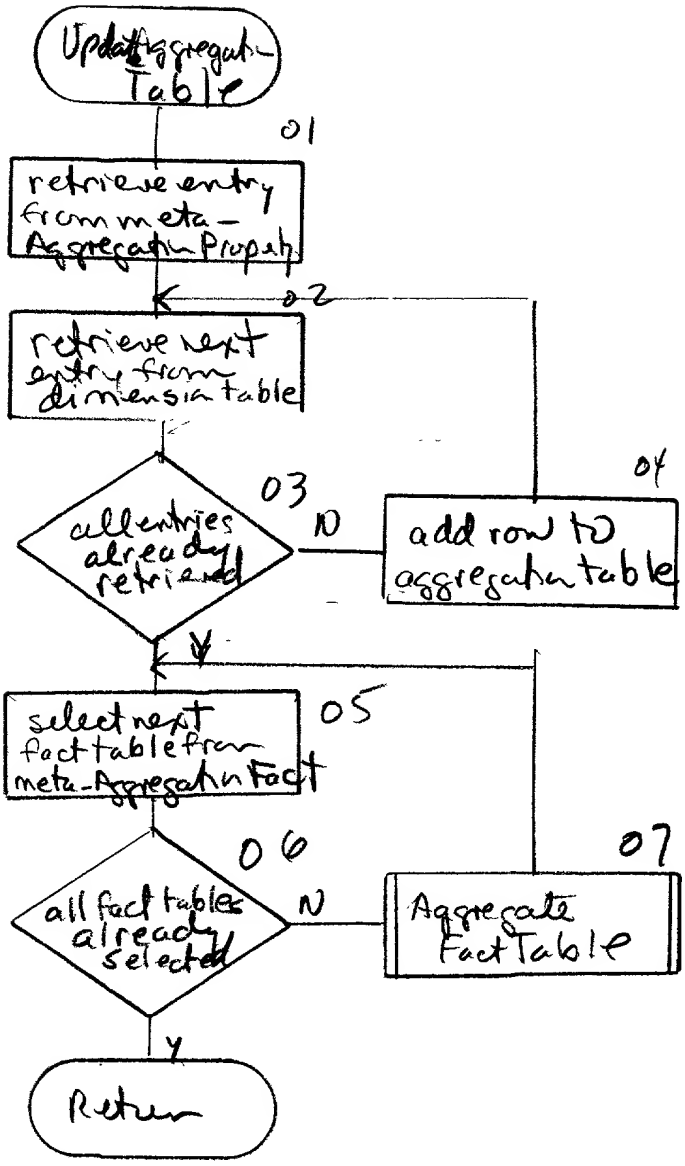

Update Aggregate Table
01
retrieve entry from meta-Aggregation Property
02
retrieve next entry from dimension table
03
all entries already retrieved
N
04
add row to aggregation table
Y
05
select next fact table from meta-Aggregation Fact
06
all fact tables already selected
N
07
Aggregate Fact Table
Y
Return

Fig 18

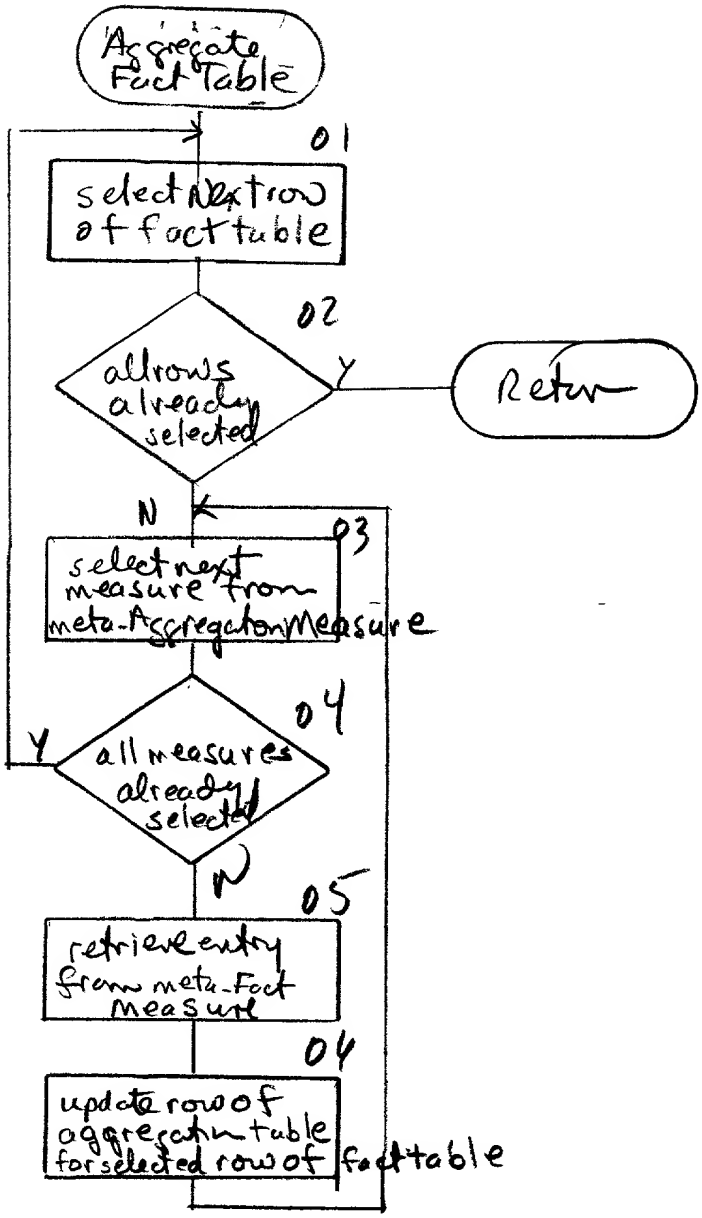


Fig 19

5,983,219

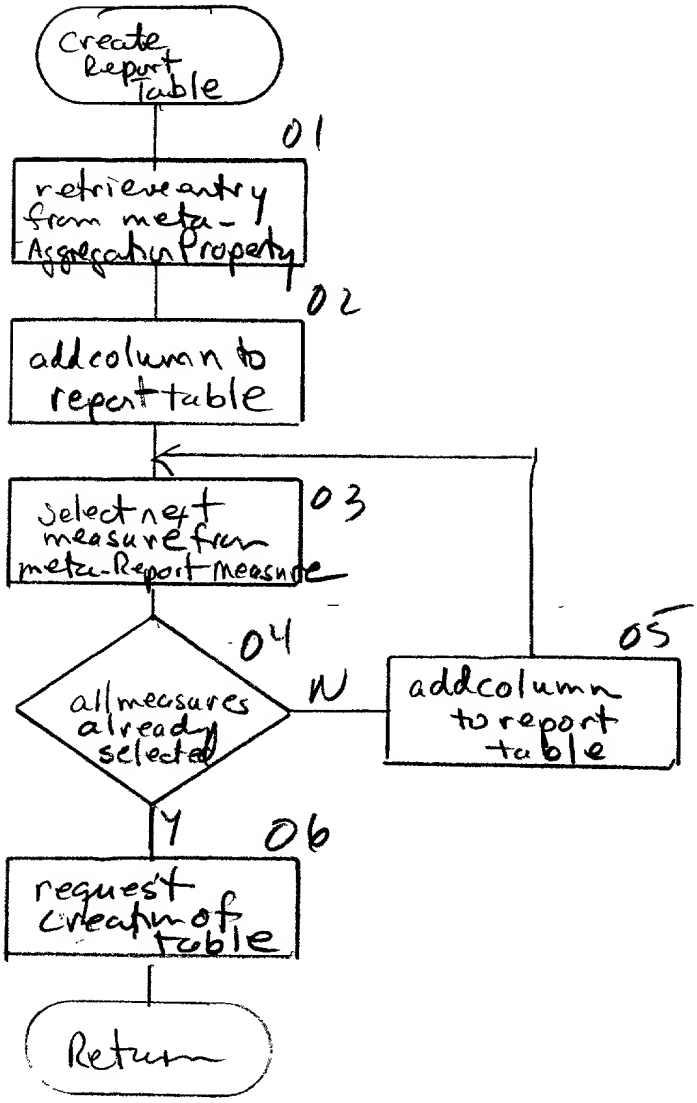

Create Report Table
01
retrieve entry from meta-Aggregation Property
02
add column to report table
select next measure from meta-Report measure
03
all measures already selected
04
N
add column to report table
05
Y
06
request creation of table
Return

Fig 20

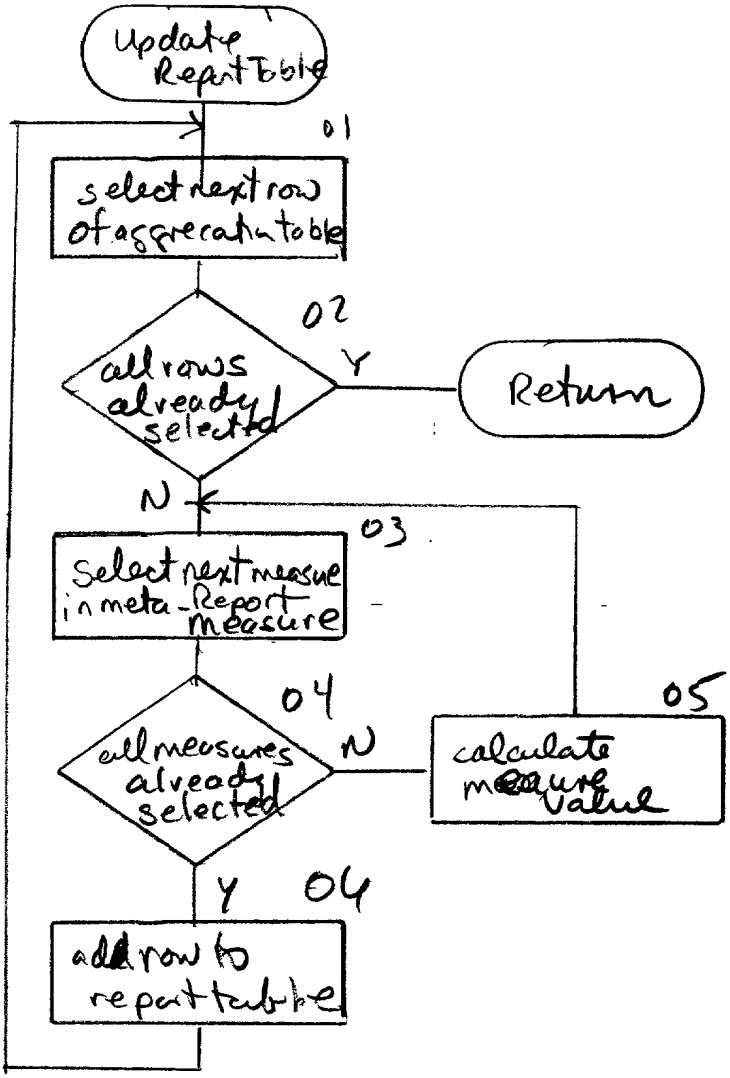

Update Report Table
01
select next row of aggregation table
02
all rows already selected
Y
Return
N
03
Select next measure in meta-Report measure
04
all measures already selected
N
05
calculate measure value
Y
04
add row to report table

Fig 21